

(19)



JAPANESE PATENT OFFICE

## PATENT ABSTRACTS OF JAPAN

(11) Publication number: 2002097069 A

(43) Date of publication of application: 02.04.02

(51) Int. Cl

**C04B 35/00****H01L 41/187****H01L 41/24**

(21) Application number: 2000291343

(71) Applicant: SOKEN CHEM &amp; ENG CO LTD

(22) Date of filing: 26.09.00

(72) Inventor: OKAMOTO HIDEJI  
UENO HIROSHI

(54) PASTY INORGANIC POWDER-RESIN  
 COMPOSITION AND FORMING METHOD OF ITS  
 SINTERED COMPACT

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a pasty resin composition containing functional inorganic powder and an organic binder, which is excellent in coating, molding and sintering, and a manufacturing method of a sintered compact having functions such as a dielectric, ferroelectric, semiconductor, body with high toughness,

etc.

SOLUTION: The composition to form the sintered compact contains (A) (meth)acrylic polymer with weight-average mol.wt. of 500-10,000 and glass transition temperature of -80 to 50°C, (B) polymerizable monomer with mol.wt. of 100-5,000 having polymerizable unsaturated groups of 2-6 and (C) more than one kind of inorganic particles with average diameter of 0.1-20 µm.

COPYRIGHT: (C)2002,JPO